

FOLIO

University of Alberta

14 May 1987

Deputy Minister of Advanced Education Appointed

Lynne Duncan has been appointed Deputy Minister of Advanced Education effective 1 July.

Mrs. Duncan, who holds a master's degree in Economics from the University of Alberta, has been Assistant Deputy Provincial Treasurer, Budget and Fiscal Policy, since 1982. □

'Human Rights and Equity Employment—The Challenge Ahead'

A professional development workshop is scheduled for 29 May from 9 a.m. to 1 p.m. (including luncheon) at Lister Hall. The workshop will address the philosophical and pragmatic issues which have arisen on matters of employment equity and equality of employment opportunities since Judge Rosalie Abella's visit to Edmonton 18 months ago.

Following a welcome by President Myer Horowitz, an introductory address will be delivered by Gordon Fairweather, Chief Commissioner, Canadian Human Rights Commission, Ottawa. His preamble will be succeeded by a panel of speakers consisting of: Neil Gavigan, Technical and Policy Consultant, Employment and Immigration Canada, Ottawa; Jon Husband, Public Program Officer, Canadian Human Rights Commission, Edmonton; Stan Scudder, Chairman, Alberta Human Rights Commission, Edmonton; and Adele Kent, Barrister and Solicitor, Field and Field, Edmonton. The panel will be moderated by Doris

Badir, Equity Advisor to the President, University of Alberta.

The workshop will conclude with a luncheon at which Fairweather will be the keynote speaker.

All academic staff, but particularly those who are involved or who have a special interest in human rights issues and Bill C-62, are invited to attend this session. Enrolment is limited and the final

deadline for registrations is 22 May. Registration fee: \$15, including luncheon. For further information and registration forms, contact Eva M. Cherniavsky, 3-13 University Hall, 432-4588. □

'Supercalifragilisticexpialidocious!'

That's what Kay Brown (right) from Lloydminster, feels about Spring Session for Seniors, now in full swing on campus for the 13th year. Anna Louise Kirton (also resting her weary feet between classes) has taken part in 10 of them, and she agrees. "Every year I look forward

to Spring Session so much, I think I'll go mad waiting for it to start!" says the Stettler resident.

The program, funded by Advanced Education and our University, gives older people in northern Alberta a chance to taste the joys of learning in a university

environment.

This year, 350 enthusiastic learners are taking special courses ranging from aquacise and anthropology to meteorology and microcomputers. They can also audit a couple of regular University offerings. □

Contents

- Hiruki, Hrudey, Watkinson hold McCalla Professorships
- AHFMR President addresses Friends of University Letters'



McCalla Professors Out to Better Forage Crop Productivity, Treatment of Industrial Wastewaters and Integration of the Disabled Into Physical Activity

Chuji Hiruki (Plant Science), Steve Hrudehy (Civil Engineering) and Jane Watkinson (Physical Education and Sport Studies) have each been awarded a McCalla Professorship for 1987-88. Their absence from teaching for this session will allow them to concentrate fully on research projects which have the potential to benefit their students, their discipline and the public at large.

Chuji Hiruki

Alberta is the leading producer of forage seed in Canada, producing about 30,000 tons a year for an average value of about \$50 million. The need for a pedigree forage seed is increasing and plant scientist Chuji Hiruki plans to spend his McCalla year formulating specific disease control measures to increase the productivity of forage crops and ultimately, help the forage industries in the country.

The province now produces seeds such as alfalfa, alsike clover, red clover and sweet clover. Recently there has been a

renewed interest in forage seed production because of the high prices being paid for it and the reduced demand for conventional grain crops. The trend towards higher beef prices, which leads to herd expansions and the need for more hay and pasture, has also played a part in stimulating more interest in forage seed production in Alberta.

This increased demand means that local and export markets are pressing for a quality seed. Therefore, Dr. Hiruki says, "an attempt to establish virus-free seed should begin immediately and the effects of virus diseases on foliage and seed yield and quality and the resistance should be determined while there is still time."

Dr. Hiruki's research can be divided into five parts, each dealing with viruses. He will develop highly sensitive and reliable procedures for detection of forage legume viruses and mycoplasma-like organisms (MLOs)

using recent advances in biotechnology. Another aspect of his research is the identification and characterization of these viruses and MLOs which occur on alfalfa and clovers. Careful re-examination of how certain viruses are transmitted will also occupy Dr. Hiruki's time because he feels that none of the claims as to how transmission takes place is convincing.

Time will also be spent on the analysis of viral and host gene interaction. According to Dr. Hiruki, "it is important to obtain more information on the inter-relationships as well as genetic interaction of the genes."

The last part of his research will focus on screening of alfalfa for resistance to alfalfa mosaic virus in order to identify and select possible sources of resistance genes in cultivars commonly grown or recommended in Alberta. This particular research will be carried out in collaboration with the department of biotechnology at the Alberta Research Council and the Beaverlodge Research Station of Agriculture Canada.

Steve Hrudehy

The McCalla Professorship is "well timed for maximum productivity," Dr. Hrudehy believes. He wants to consolidate a number of on-going projects and pursue some new initiatives. With regard to the former, Dr. Hrudehy has, since early in this decade, headed a research group which has been studying anaerobic biological treatment of various unconventional contaminants. "This work," he says, "has resulted in several revelations about the capability of anaerobic biological processes and we have evolved analytical and process techniques for studying this biotechnology which place our group at the forefront of world-wide research in this area."

Last fall, the group received an NSERC Strategic Grant to address the role of support media in promoting this process.

A "make or break" project is Dr. Hrudehy's description of the current study whereby researchers are trying to pin down the utility of the anaerobic biological process on phenolic wastes.

Because of the critical phase of the research, the McCalla Professor will allocate a large amount of time to this work to "insure that we are

able to make the most of our past advances."

In Dr. Hrudehy's opinion, little is really known about wastewater characteristics which give rise to fish-tainting. The launching of "a major expansion of research" in this area would suit him perfectly.

The safety and quality of Edmonton's drinking water were considered recently by Dr. Hrudehy. The inquiry was not intended to involve any original research, but Dr. Hrudehy found that he couldn't get answers to his questions solely on the basis of existing monitoring data. "We found evidence," he relates in his McCalla Professorship application, "that the problem was likely caused by a group of short chain aldehydes which coincidentally have extremely low taste and odor thresholds." These compounds, Dr. Hrudehy feels, stem from the oxidation of specific amino acids by the chlorine dioxide disinfectant which Edmonton has been using.

"If my theory is correct it raises many important questions for water utilities around the world. In particular, because of the properties of these compounds they are likely to be missed by even very sophisticated routine water monitoring," Dr. Hrudehy states.

While the aldehydes identified do not constitute a toxic risk, Dr. Hrudehy says some other aldehydes which would be a health concern could theoretically be produced by his proposed mechanism.

"I believe Edmonton's problem is likely to have occurred elsewhere but, as yet, no one has published such findings. Establishing whether my theory is correct and under what conditions problems arise, or can be prevented, is likely to be extremely important to the water supply industry."

Another initiative relates to Dr. Hrudehy's chairmanship of the Toxic and Hazardous Wastes Management Committee of the Canadian Society for Civil Engineering. The committee would like to organize and run a short course on environmental issues for the news media and Dr. Hrudehy is facing fund-raising activities and "substantial preparative work to produce a course which media attendees will judge to be a worthwhile experience."

Jane Watkinson

Dr. Watkinson is intent on

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FOLIO

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persons.



University
of
Alberta

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Presidential Proclamation

U of A Physical Activity Week 22-31 May

We all know that every week is physical activity week at the University of Alberta. Many of the University community are involved in fitness throughout the year. However, a week in which physical activity participation is highlighted is useful as a means of recognizing the regularly active people. Also, a designated week provides a starting point for those with good intentions. Our physical activity week will be coincidental with Canada's Fitness Week. It will start with Sneaker Day on Friday, 22 May. On that day, everyone on campus is asked to wear a pair of jogging shoes for the day. At lunch hour on Monday the 25th, please join me in the Twelve Minute Walk at any one of four sites on the campus. These will be advertised in *Folio*. Walk for 12 minutes and receive an official certificate indicating your fitness level.

Wednesday the 27th is PACE Day. On that day, the City of Edmonton will challenge Hamilton and our neighbors in Calgary to see which city can have more people out for some kind of physical activity. The University of Alberta has always been a significant participant in this fitness challenge and, again, I invite you to invest 15 minutes on the 27th by becoming involved in some kind of physical activity.

I invite all members of this University community to join in these events and to continue to make fitness a life-long affair.



Myer Horowitz
President

University Presence Felt at Alberta Achievement Awards Ceremony

The University's name was dropped repeatedly at the recent Alberta Achievement Awards ceremony. The Golden Bears Hockey team and 10 other University affiliated people were honored.

Gail Greenough, a former student, won the Premier's Award for Performance for her first place finish at the World Equestrian Championships in Germany last July. The Bears' first place finish in the CIAU hockey championships put them atop the Performance Award category. Three track and field athletes—longjumper Nancy Gillis and sprinters David and Noella LeePong—were recognized.

Verna Kunda (Library) received a Service Award for her "dedication to the preservation and interpretation of the contributions made to Alberta by our Ukrainian pioneers . . . and her tireless devotion in cultural development, cultural heritage and historical resources."

There were five University-associated individuals honored in the Excellence Award category "presented to Albertans

noted for exceptional contributions and/or achievements in a professional/occupational capacity at national or international levels."

Lloyd Grisdale, an alumnus and former Associate Dean of Medicine, is "considered a catalyst in advancing of health care in Canada."

Ernesto Lejano (Music) is "highly regarded by his colleagues for having written some of the finest cadenzas for the Mozart piano concertos."

Drama Professor Bill Meilen was honored for his work as a writer, actor and "as one of the top teachers of dialect in Canada today."

Lionel McLeod, President of the Alberta Heritage Foundation for Medical Research and an Honorary Professor of Medicine at the University, was cited for "distinguishing himself as an outstanding contributor to medicine."

Karen Mills, whose "accomplishments are exceptional in nursing and public health" held the position of Associate Professor in the Faculty of Nursing. □

AHFMR Head Strikes a C-Note

Forty-one years ago, a talented young medical student from Wainwright was delighted—and a little surprised—to receive an award of \$100 from the Friends of the University of Alberta.

That young man was Lionel McLeod; twenty-three years later, he was Dean of Medicine at the University of Calgary, and in 1981, he was appointed President of the Alberta Heritage Foundation for Medical Research (AHFMR).

Last month, Dr. McLeod told the 100 or more Friends and guests attending the society's annual dinner meeting in Lister Hall, that their award was among those he valued most.

In a thumbnail sketch of the work and aims of the Foundation, Dr. McLeod noted that there are now about 125 new scientists in Alberta who are here because of the AHFMR. "We have about 200 postdoctoral fellows, and 65 people in summer student positions who will have a chance to sample what research is all about."

When the Foundation was created in 1979 with an endowment of \$300 million, Dr. McLeod considers "what the government did then was ideal." By offering continuity of funding (on a five-year, renewable basis) first-class people were encouraged to come here, because they could see a long-term possibility on which to build careers.

The Foundation is "deeply concerned" with attracting clinically qualified physicians into research in order to establish the "important link for transferring information to patient care," but "we strongly emphasize fundamental, basic research," Dr. McLeod stressed. The reason the mechanism of the AIDS virus was identified so soon after the disease

appeared was "because there are now cadres of scientists who can deal with the most fundamental aspects of the workings of a cell. This is a direct result of the growth of basic research over the last 20 years," he said.

For tomorrow's research, the AHFMR is putting up the new "high tech" building on campus, to bring together "clusters" of scientists from different disciplines. "Today you cannot make anything work in medical research in isolation. You need knowledge and expertise from more than one area."

"In such a centre," Dr. McLeod predicted, "there will be a rapid advance in knowledge and an increased ability to take new information and new ideas with commercial potential and translate them into the economy."

The Friends of the University was founded in 1943 to help the University in a number of ways and to provide a focus for activities on behalf of the University. These activities include sponsoring public lectures (most notably the Tory Lectures), making an annual presentation of books to the Library, and donating money for scholarships and bursaries (\$6,750 last year) or other worthy projects (Norman Yates was given \$500 towards his mural for the north wall of the Education Centre).

There are no membership dues (though an annual contribution of at least \$25 is expected, and gratefully acknowledged), no categories of membership, and no regular meetings apart from the annual dinner meeting. Anyone with an interest in the University, who would like a focus for that interest, is most cordially invited to join. More information from the secretary-treasurer, Muriel Whitaker (English), 432-4624. □



S.M. Blair Scholarship Holder

Valoree Walker has been awarded the S.M. Blair Scholarship. The \$10,000 award will go toward Walker's graduate research on environmental factors influencing the level and efficiency of animal production in the Canadian North. The late S.M. Blair earned a Science degree at the University of Alberta and worked with Karl Clark, father of the modern processes for tar sands extraction. The S.M. Blair Family Foundation, based in Ontario, was formed in 1981. R.T. Hardin, Chairman of Animal Science (far left), Foundation trustee Lloyd Wright and Dean Roy Berg helped Walker celebrate her receipt of the scholarship.

Watkinson

Continued from page two

rectifying a glaring omission in the study of the integration of the disabled or handicapped in physical activity in Canada. She will use her McCalla Professorship year to publish articles on her current research and pursue a research project which has arisen from her various research programs.

Dr. Watkinson says very little work has been done in Canada in the area of integration of the disabled or handicapped in physical activity. "In fact", she states in her McCalla application, "no more than half a dozen published articles exist in North America that include data from integrated programs of physical activity." Studies conducted so far raise a number of serious questions regarding the relationship of segregated and integrated programs and Dr. Watkinson intends to look at them. She will spend her time doing considerable writing, specifically of program materials (she will prepare "user-friendly" materials on skill upgrading in the

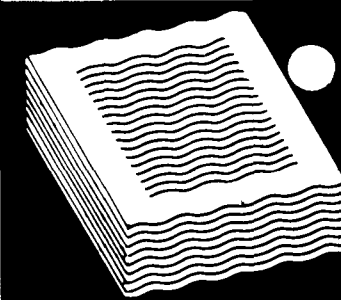
physical education class and in outdoor pursuits).

Dr. Watkinson also plans to continue writing in the area of integration, drawing on projects which have been completed over the last few years. This includes a project she is currently working on regarding disabled women. The work will contain writings on integration in physical education in the school system; fitness of the mentally handicapped; and the need for upgrading in this area prior to entry to the mainstream.

Dr. Watkinson's research program will focus on the

hypothesis that motor competence is a prerequisite for successful participation in mainstream physical activity. She will examine the relationship of motor competence (as defined by the culturally-normal skills that are routinely used in physical activity) and success in integrating both socially and physically into mainstream activity programs. Dr. Watkinson feels that "it is the nature of this relationship that will determine the role of upgrading or segregated programs in physical activity delivery." □

Currents



Notice of Meeting

A meeting for academic staff and graduate students engaged (or interested) in academic research related to sexual orientation has been scheduled.

The intention is to form a group to encourage and coordinate multidisciplinary research in this area. A first step might be to invite a well-known scholar in this field to visit campus.

The meeting will be held on Wednesday, 20 May, at 4 p.m. in 281 CAB.

For further information, call 432-5531 or 432-6561.

Spring/Summer Campus Recreation

Sign up for one of our non-credit instruction courses and learn a new activity from our certified instructors. The program includes introductory courses for weight training, badminton, squash, and even tennis en Français.

Want adventure? Learn how to canoe, go river camping for a weekend, explore Polar Park or cycle at the Velodrome. Get your bicycle in shape. Take one of our bike maintenance courses or go on a bike tour of the Edmonton river trails. We have something for everyone. Check it out. Information: Campus Recreation, Van Vliet Centre, 432-3614, 432-2555.

Early Communication Development Study

Infants and toddlers are needed to fill gaps in subject sample. These include females at 3, 12 and 14 months and from 17 to 25 months and males at 14 months and from 26 to 29 months. The study involves one short videotaping session at the University of Alberta.

Contact Dr. Gary Holdgrafer, Department of Speech Pathology and Audiology, 432-5990.

Summer Camps Help Young People Become 'Good Sports'

Summer 1987 marks the start of the third decade that the Department of Athletics has offered sport camps for boys and girls 8 to 19 years of age. Over the past 20 years, these camps have grown to accommodate

more than 2,000 participants in as many as 18 different activities. Each camp is designed to provide the best available instruction in up-to-date fundamentals, techniques and strategies.

The 1987 Summer Sports Program will again feature the traditional sports in which University of Alberta students compete. Each of these is directed by the respective head coach of a Panda or Golden Bear team. Camps are also offered in non-intercollegiate sports such as wheelchair basketball, ringette and tennis. As well, the Summer Sports Program, in cooperation with the Faculty of Extension, is again offering Summer Youth University—a two week introduction to a number of University disciplines.

There are enrolment quotas in some camps in order to provide an optimal learning environment. Applications are accepted and processed on a first-come, first-served basis. For more information, call 432-3534. □

Letters

Nuclear Reactor Accidents

■ The note on Dr. David Marples's (*Folio*, 30 April) claim that the Chernobyl disaster could be predicted in advance is a sobering reflection on human fallibility, and perhaps stupidity. He was not the only one with prescience. Apparently, Ukrainskaya Literatura published, just about three weeks prior to the accident, a similar critical forecast, but based on engineering failures (material preparations, etc.), not on ill-trained personnel. The author's name was given, and it was inferred that she was one of the site engineers from the authority and knowledge she displayed. As it turned out, Dr. Marples's prediction of disaster by personnel failure got there first.

However, Three Mile Island—which came within a whisker of real disaster—provided a similar example of accurate forecasting, and hence preventability, but with greater certainty; an identical Babcock and Wilcox reactor underwent 18 months earlier a failure or series of failures which gave rise to the same potential horror story as TMI. In the earlier case, though, the engineers managed to contain the runaway. However, because of bureaucratic foul-ups, the report on the accident, and information on proper corrective action, were not circulated to the staff of the remaining six identical Babcock and Wilcox reactors, and the Nuclear Regulatory Commission did not function as it should have.

North America has had its Chernobyl, too, as we have recently learned through the (U.S.) Freedom of Information Act. In the late 1940s and early '50s, Hanford, in Washington State routinely released enormous quantities of radiation, mainly in the form of Iodine-131. Moreover, farmers in the region have been seeing stillbirths and deformed animals for years, which indicates a continuing problem in this reactor (which is a military production unit, not a power-generator).

We should be wary of any holier-than-thou attitude toward Soviet or any other reactor accidents.

Colin Park
R.S. McLaughlin Centre

Farewell Reception for Gordin Kaplan

The Office of the President will hold a farewell reception to honor Gordin Kaplan upon completion of his term (30 June) as Vice-President (Research). During the coming year, Dr. Kaplan will concentrate on research activities and participate in the field of biotechnology. He will also travel to universities in France and Italy as a visiting professor. **The reception will be held from 3 to 6 p.m. on Friday, 12 June, at University house. A farewell presentation will be made at 4:15 p.m. by President Horowitz.** Friends, colleagues and students are cordially invited to attend.

Contributions toward a farewell gift are most welcome and those wishing to make a donation are invited to send cheques payable to the "Gordin Kaplan Farewell Fund", care of Mrs. Bobbi Landreville (432-5335), 3-3 University Hall, prior to 5 June.

Make Your Travel Plans

Come on out and catch "The Bug!" Cida's Fitweek is being celebrated 25 to 31 May. President Horowitz invites all members of the University community to participate at noon hour on Monday, 25 May, in the "Twelve Minute Fitness Walk." Four convenient routes will be measured and set up throughout the campus. Choose your own route and see how far you can walk in 12 minutes. Certificates will be awarded immediately after the walk with the results indicating how seriously "The Bug" has zapped you. Get a friend or two and come on out for fresh air, exercise and the fitness test.

Watch for more information and a routes map next week or call Judy at 432-2781, Campus Fitness and Lifestyle.

Pace Yourself

The Challenge is on. Edmonton is celebrating PACE Day (Participation Challenge Edmonton) on Wednesday, 27 May. The city has been challenged by its annual rival, Calgary, and by Hamilton, last year's most fit Canadian city. The University will support Edmonton on the 27th with Campus Recreation taking a count of all persons who participate in any activity in which the heart rate is elevated for a continuous 15 minutes.

It is well known that there is a large group on campus who are regularly active. Be sure to count yourself in. After your activity, call

Love Among the Doins' (to the South)

The University of Alberta Tennis Centre is open for another summer season.

Rob Bell, the centre's manager, says the facility's first winter season was very successful, with four courts under an air support structure. The courts will remain closed this summer to keep wind, rain, mosquitoes and darkness from intruding on the matches.

Summer membership sales have been brisk, in fact, only 100 remain unsold, Bell reports. The rates are \$50 for students and \$100 for user card holders.

The centre is at 51 Avenue and 121 Street, telephone 438-2901. □

432-2781 or drop by W-90 Van Vliet Centre, Campus Fitness and Lifestyle, and supply your name, activity and the amount of time spent on it. □

Talks

Economics and Political Science

19 May, 9:30 a.m. Senator Philippe Gigantes, "Why We Need a Triple E Senate." 8-22 Tory Building.

Anatomy and Cell Biology

19 May, 4 p.m. Robert Rush, The Flinders University of South Australia, Bedford Park, South Australia, "Growth Factors for Sympathetic Nerves and Their Site of Synthesis." 5-10 Medical Sciences Building.
2 June, 4 p.m. David Sretavan, Stanford University School of Medicine, Department of Neurobiology, Stanford, California, "Factors Governing the Formation of Axonal Arborizations Within the Mammalian Central Nervous System During Prenatal Development." 5-10 Medical Sciences Building.

Plant Science

29 May, 11 a.m. Janice Zale, "Screening Methodologies and the Genetics of Aluminum Tolerance in Spring Wheat." 1-06 Agriculture-Forestry Centre.

Dentistry

2 June, 12:15 p.m. Phillip V. Tobias, Professor and Chairman of Anatomy, University of the Witwatersrand, "The Revolution in Human Evolution: The Emergence of Human Speech." TL-11 Tory Lecture Theatre.

Computing Science

10 June, 3:30 p.m. Ehab S. El-Mallah, Department of Computer Science, University of Waterloo, "Planar Partial k-tree Algorithms." 619 General Services Building.

The Arts

Exhibitions

Ring House Gallery

Until 24 May. "Takao Tanabe—Banner Commission"—the working drawings and plans for the 1973 public art commission of the 56 silk banners which hang in the well between the second and fourth floors of the Humanities Centre.

Bruce Peel Special Collections

Until 29 May. "Books Are/Books Are Not: Two Decades of Bookworks and Artists' Books, With Some Historical Precedents"—a colorful look at the remarkable things that have happened to books since the 1960s. Includes books that are wordless, altered, pop-up and fold-out. Hours: Monday to Friday—8:30 a.m. to 4:30 p.m. B7 Rutherford South.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 8 May 1987. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Administrative Clerk (Term - 2 July-31 December), Music, (\$1,522-\$1,945)
Departmental/Executive Secretary, Personnel Services and Staff Relations, (\$1,716-\$2,208)
Departmental/Executive Secretary (Term - 3 August-1 February), Music, (\$1,716-\$2,208)
Technician I (Trust), Pharmacy (Slowpoke Facility), (\$1,580-\$2,027)
Technician I (Trust), Animal Science, (\$1,580-\$2,027)
Biochemistry Technician II/Biochemistry Technologist I (Trust), Biochemistry (\$1,791-\$2,510)
Administrative Assistant I, University Archives and Collections, (\$1,945-\$2,510)
Dental Technician III, Restorative Dentistry, (\$2,208-\$2,861)
Programmer Analyst II, Forest Science, (\$2,304-\$2,992)
Helium Liquifier Technician IV (Trust), Physics, (\$2,304-\$2,992)
Dental Equipment Repair Technician Supervisor, Dentistry, (\$2,407-\$3,127)

For vacant Library positions, telephone 432-3339.

Advertisements

Accommodations available

Rent - University area, furnished, one bedroom and bachelor suite, quiet. \$400. 433-6024.
Sublet - One-bedroom apartment, furnished. After 15 May. College Plaza. A.M. Schrader, 439-9625.
Sale or rent to own - Two-bedroom condominium. Quiet neighborhood, walk to University or Southgate. Immaculate condition, nice grounds, fresh paint. Call 464-4676.
Rent - Large, semi-furnished, bi-level home, Aspen Gardens. Completely finished ground level. Four bedrooms, 2 1/2 baths. \$800 monthly. Available 15 August 1987 to August 1988. 464-1737.
Rent - New, fully furnished/equipped, four-bedroom, two-bath, vacation home in Canmore. Daily (two days minimum) or weekly rental, family groups only. Damage deposit. Information: Dr. Overton, 432-6344, 481-3694.
Sublet - Beautifully furnished, large, two-bedroom, 1 1/2 baths, hi-rise apartment. Close to University. July to December. 439-5736.

Sublet - Furnished/unfurnished, three-bedroom penthouse apartment, Saskatchewan Drive. Walk to campus. Pool, parking, balconies, river view. \$700. Professor on leave. July/August 1987-May/June 1988. 432-5188, 439-1421.

Rent - Furnished, three-bedroom house, 6 km from University. Close to schools and shops. \$600/month plus utilities. Available 1 September 1987-31 July 1988. Non-smokers only. Call 437-1097.

Sale - By owner. 1,420' bungalow in Greenfields. Good access to University, shopping, schools. Large master bedroom with half bath. Developed basement. Large double garage. Phone 437-2488 evenings.

Sale - Grandview. Spacious home. Lovely, large, south yard. Super location. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Large city lots, \$39,750 up. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Miquelon lakefront acreages, choice. \$6,000 each. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Glenora. Character, semi. Hardwood floors. Good location. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Hobby farm, 70 acres with large bungalow. South city limits. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Windsor Park. Five bedrooms, well-developed, great University location. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - 1,600' bungalow on four acres, one mile off Devon Highway. Horse shelter, good riding trails. Not in subdivision. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Grandview. Spacious, three bedrooms plus den. Large, south yard across from park. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Saskatchewan Drive. Charming, "character", two-storey home. Featuring oak flooring, new oak kitchen, new Pella windows, three bedrooms. \$280,000. Liz Crockford, Spencer Real Estate, 480-2352, 436-5250.

Sale - Exclusive "old Riverbend", ravine, two storeys. Unique lot, professionally landscaped. Newer, super-sized, oak kitchen. Three fireplaces, security system, excellent location. Liz Crockford, Spencer's, 436-5250, 480-2352.

Rent - Sunny loft apartment in river valley, close to parks, downtown and University. One bedroom with den. Available 1 May, \$325 per month. 425-9817.

Sale - Laurier Heights. Three bedrooms, split level. Kitchen, main bathroom renovated. Double garage. Fireplace. Quiet street, old trees. 486-3573.

Sale - Garneau. Luxurious townhouse, two bedrooms plus den, two baths, sauna, fireplace, drapes, appliances, garage. Only \$129,000. Call Helen Schick, 468-2100, 436-2551 (res.), Canada Trust Realtor.

Sale - Belgravia. Fabulous, professionally renovated home. 1,774 sq. ft., wool carpets, ceramic tile, hardwood, skylights, large sunken living room with fireplace. Must be seen! Beauty! Contact Bernie. 468-2100. Canada Trust Realtor.

Sale - Revenue-generating, river valley home. Walking distance University, Legislature, downtown. Many features including self-contained, loft apartment. 425-9817.

Rent - Two-bedroom duplex, available 1 July. 116 St. 111A Ave. 432-4781, 455-9410.

Rent - Grandview, near University, school. Four bedrooms, major

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